

Gravimetric determination of zirconium ...

S/081/62/000/006/033/117  
B102/B101

Be, Ca, Sr, Ba, Co, Ni, Mg, Zn, Ti,  $\text{PtCl}_6^{2-}$ ,  $\text{VO}_3^-$ ,  $\text{MoO}_4^{2-}$ , and  $\text{WO}_4^{2-}$ , as well as a great quantity of chlorides and nitrates, do not interfere with the Zr determination.  $\text{Th}^{4+}$ ,  $\text{Fe}^{3+}$ ,  $\text{Bi}^{3+}$ ,  $\text{Pb}^{2+}$ ,  $\text{Cd}^{2+}$ ,  $\text{Hg}^{2+}$ ,  $\text{Pd}^{2+}$ , and  $\text{Ag}^+$  also form precipitates under the above conditions:  $\text{SO}_4^{2-}$ ,  $\text{F}^-$ , ethylenediaminetetraacetate, tartaric and citric acids, as well as oxidizers, prevent the determination. The method yields sufficiently accurate results.  
[Abstracter's note: Complete translation.]

Card 2/2

R/003/61/012/012/001/001  
D282/D305

AUTHORS: Chiotan, C., Dema, I., Frangopol, F. T., Gîrd, E.,  
and Voicu, V.

TITLE: Preparation of I-131 of high specific activity

PERIODICAL: Revista de Chimie, v. 12, no. 12, 1961, 706-708

TEXT: This paper was presented at the Institutul de fizică (Institute of Atomic Physics), on May 4 - 6, 1961. It describes experiments on preparing I-131 from tellurium dioxide. In the first part of the article, the authors briefly describe some preparation methods of radioiodine, referring to a great number of western publications and to the following Soviet scientists: D. J. Riabchikov, A. H. Ermakov, L. S. Kozyreva and V. S. Oreshko. In the second part of the article, they describe their experiments as follows. ✓  
Powdered tellurium dioxide was irradiated in the I.F.A. reactor for 3 - 4 weeks, 40 hrs every week, at a flux of  $1 \cdot 10^{13}$  n/sq cm s. The irradiated powder was then dissolved in a 10% NaOH solution by

Card 1/3

R/003/61/012/012/001/001  
D282/D305

Preparation of I-131 ...

using magnetic agitation. The solution was filtrated and acidulated with  $H_2SO_4$  to a ratio of 1 : 1. This mixture was then introduced into a balloon flask, and a 1.5% solution of  $Fe_2(SO_4)_3$  was added to guarantee the oxidation of the iodine. This solution was distilled in vacuum, while the product obtained was collected in a second balloon flask, already containing a titrated solution of NaOH. The distillation process lasted 2 - 4 hrs. The concentration of the I-131 solution was achieved by evaporation in the second balloon flask. Thus, specific activity of the I-131 solution was considerably increased. The I-131 solution obtained was removed and neutralized with n HCl, up to a pH = 7. The separation efficiency of I-131 from  $TeO_2$  irradiated under these conditions was approx 75%.  
Thus, 300 - 400 mC of radioiodine were obtained from a charge of 40 g  $TeO_2$ .  $\gamma$  spectrometrical and chromatographical analyses of I-131 did not present Te,  $IO_3^-$  or other impurities. Chemical analyses for the identification of traces of heavy metals, arsenic

Card 2/3

Preparation of I-131 ...

R/003/61/012/012/001/001  
D282/D305

$\text{Fe}^{2+}$ ,  $\text{SO}_4^{2-}$ , etc., did not indicate their presence above the limits admitted for medical purposes. Acknowledgement is made to E. A. Ivanov, M. J. Cristu and D. Papae for their cooperation. There are 1 figure and 22 references: 2 Soviet-bloc and 20 non-Soviet-bloc. The 4 most recent references to the English-language publications read as follows: L. Burkinshaw, Phys. in Med. Biol., 1958, 2, p. 255; of NSA. 1958, 12, 10.183; D. S. Ballantine, Natl. Nucl. Eng. Series, Div. IV, 9, Radiochem. Studies, The Fission Products, 1951, 3, p. 1639, McGraw Hill, London, 1951; Ballantine D. S., MDDC - 1600; C. C. Evans and J. Stevenson, Brit. Pat. 763,865; cf. CA, 1957, 51, 78970; and M. Inarida, J. Chem. Soc. Japan, Pure Chem. Sect., 1960, 80, p. 400.

ASSOCIATION: Institutul de Fizică Atomică al Academiei R.P.R.  
(Institute of Atomic Physics Rumanian Academy of Sciences) and Laboratorul de Preparare a Radio-izotopilor (Laboratory for the Preparation of Radio-isotopes)

Card 3/3

DEMA, I.; DUMITRU, M.; GIRD, E.; GAINAR, E.; RUSI, A.; SPIRIDON, St.;  
SABAU, G.; CONSTANTINESCU, O.; IONESCU, S.

Contributions to the utilization of organic solvents as eluting  
agents in cation exchange. II. On the possibilities of a selective  
elution of lanthanides. Studii cerc fiz 11 no.2:397-405 '60.  
(EEAI 10:1)

(Solvents) (Elution) (Rare-earth metals)  
(Base-exchanging compounds) (Organic compounds)

COSTEA, T.; DEMA, I.; TIPLUICA, A.

Processes associated with the Szilard-Chalmers effect in crystals.

II. Influence of chemical isomerism. Pt. 2. Optical isomerism.

Studii cerc chim 9 no.3:533-545 '61.

1. Laboratorul de radiochimie al Institutului de fizica atomica,  
Bucuresti.

COSTEA, T.; DEMA, I.

Processes associated with Szilard-Chalmers effect in crystals.  
Pt.3. Studii cerc fiz 14 no.5:571-581 '63.

1. Institutul de fizica atomica, Bucuresti.

BEDROSYAN, P.; BEDIKE, T.; DEMA, I.; ZAYTSEVA, N.G.; MOROZOV, V.A.

Gamma spectra of the neutron-deficient Os and Re isotopes.  
Izv. AN SSSR. Ser. fiz. 29 no.12:2225-2230 D '65.

(MIRA 19:1)



ZARDAI, Fabian (Pilisszentivan); DEMAK, Ferenc (Oroshaza)

Forum of innovators. Ujit lap 12 no.21:31 10 N '60.

1. Fointezo (for Demak).

DEKAKHOVAYA, N. I.

"On Certain Constructions in a Lobachevskian Plane with the Aid of a Straightedge Only." Cand Phys-Math Sci, Krasov State U inen V. M. Bolotov, Krasov, 1955. (KL, No 8, Feb 55)

SO: Sum. No. 631, 26 ug 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (14)

MIRONOV, V.P., kand. tekhn. nauk; DEMAKINA, G.D., inzh.; MAYEV, YE.D., inzh.

Developing the technology of producing strip and piece products  
from wood wastes and other organic raw materials by the periodic  
pressing method. Sbor. trud. VNIINSM no.7:48-58 '63.

(MIRA 17:11)

DEMAKINA, G.D., inzh.

Technical control of the manufacture of chipboard. Stor. inform.  
soob. VNIINSM no.14:56-65 '62. (MIRA 18:3)

DEMAKOV, A. F.

KUZELV, Mikhail Yakovlevich; SEVORTSOV, Aleksey Anatol'yevich; SMELYAKOV, Nikolay Nikolayevich; ZORIN, B.F., kandidat tekhnicheskikh nauk, retsentsent; BORITSKIY, A.A., dotsent, otvetstvennyy redaktor; VOLPTANSKIY, L.M., inzhener, redaktor; GIMBELMAN, M.R., inzhener, redaktor; ~~XXXXXXXXXX~~, inzhener, redaktor; ZAKHAROV, B.P., inzhener, redaktor; ZVEREV, K.M., inzhener, redaktor; KOKOVINA, A.S., inzhener, redaktor; KRISTINOV, B.A., inzhener, redaktor; RAZUMOVA, M.S., inzhener, redaktor; SIDORENKO, R.A., inzhener, redaktor; ROZENBERG, I.A., kandidat tekhnicheskikh nauk, redaktor; DUGINA, N.A., tekhnicheskiy redaktor

[Foundry worker's handbook] Spravochnik rabochego-liteishchika. Izd. 2-oe, dop. i perer. Moskva, Gos. nauchno-tekhn. izd-vo mashinostroit. lit-ry, 1956. 634 p. (MIRA 10:4)  
(Founding)

DEMAKOV, A.Ye.; KUZIN, R.P., laureat Stalinskoy premii, inzhener, redaktor;  
BUTKOV, D.K., kandidat tekhnicheskikh nauk, retsenzent; DUGINA, N.A.,  
tekhnicheskiiy redaktor

[Methods for rapid high quality steel making] Skorostnoi metod ka-  
chestvennogo stalevarenia. Moskva, Gos.nauchno-tekhn.izd-vo mashi-  
nostroitel'noi lit-ry, 1952. 41 p. [Microfilm] (MLRA 9:3)  
(Steel industry)

DEMAKOV, A. Ye.

PHASE I BOOK EXPLOITATION

1043

Ural'skiy zavod tyazhelogo mashinostroyeniya, Sverdlovsk

Proizvodstvo stali (Steel Production) Moscow, Mashgiz, 1958. 154 p.  
(Series: Its Sbornik statey, vyp. 3) 4,000 copies printed.

Ed.: Zamotayev, S.P., Engineer; Tech. Ed.: Dugina, N.A.; Executive  
Ed. (Ural-Siberian Division, Mashgiz): Kaletina, A.V., Engineer.

PURPOSE: This book, published on the 25th anniversary of the Uralsmashzavod  
(Ural Heavy Machine-building Plant imeni S. Ordzhonikidze) is intended for  
engineers, technicians and scientific workers concerned with the production of  
steel.

COVERAGE: The basic stages in the development of steel making during the 25 years  
of the existence of the Ural Heavy Machine-building Plant are described. The  
following achievements in the field of steel making technology are described:  
vacuum pouring, resulting in an improved quality of steel; production of ingots  
in a variety of special shapes; steel making in open-hearth and electric furnaces.  
Research work done by the central laboratory of the plant, including a study of  
the causes of the formation of internal cracks in heat-resistant steel ingots

Card 1/3

Steel Production

1043

and a study of nonmetallic inclusions, macrostructure and intracrystalline liquation in large ingots, is also discussed.

TABLE OF CONTENTS:

Zamotayev, S.P. - Production of Steel at the Ural Heavy Machine Building Plant	3
Zamotayev, S.P.; Bogorodskiy, A.L.; and Mikul'chik, A.V. - Improvement of the Quality of Steel in Vacuum Casting	17
Demakov, A.Ye. - Technological Process of Steel Making in the Open-hearth Furnaces of the Ural Heavy Machine-building Plant	36
Malkin, I.P.; Volkova, L.A.; and Ruzhitskiy, V.I. - Making of Stainless and Heat-resistant Steels at the Ural Heavy Machine-building Plant	52
Bogorodskiy, A.L. - Influence of the Casting Mold Design on the Quality of Ingots	62
Bogorodskiy, A.L. and Mikul'chik, A.V. - A Study of a Massive Ingot	76
Bogorodskiy, A.L. and Blinov, V.V. - Causes of the Formation of Internal Cracks in Heat-resistant Steel Ingots and Thermal Effect of the Mold on the Ingot	101
Mikul'chik, A.V. and Golubina, O.P. - Nonmetallic Inclusions in Acid Chromium-nickel-molybdenum Steel	116

Card 2/3



Steel Production

1043

Bron, V.A.; Bogordskiy, A.L.; and Semavina, K.P. - Wear Characteristics and  
Experience Gained in Improving the Life of an Open-hearth Furnace Bottom 128  
Popov, A.A.; Mirmel'shtein, V.A.; Fedorov, A.B.; and Shcherbakov, A.P. -  
Macrostructure Characteristics of Cast Steel 139  
Popov, A.A.; Perminov, P.P.; and Bogorodskiy, A.L. - Intracrystalline  
Liquation of Carbon Along the Height and Cross Section of a 36-ton Chromium-  
nickel-molybdenum Structural Steel Ingot 150

AVAILABLE: Library of Congress

Card 3/3

GO/fal  
1-8-59

DEMAKOV, A.Ye.

Ways of increasing the durability of acid open-hearth furnaces.  
Met.1 metalloid. no.2:16-33 '59. (MIRA 13:6)

1. Ural'skiy zavod tyazhelego mashinostroyeniya.  
(Open-hearth furnaces--Maintenance and repair)

VASILEVSKIY, P.F., kand. tekhn. nauk; DEMAKOV, A.Ye.; PLEKHANOV, P.N.;  
ASSONOV, A.D.; VLASOV, V.I.; KANEVSKAYA, T.B.; SHLENTSOV, K.G.;  
RYZHIKOV, A.A.; RUBTSOV, N.N., zasl. deyatl' nauki i tekhniki  
RSFSR, doktor tekhn. nauk prof., red.; MARTENS, S.L., red. izd-  
va; EL'KIND, V.D., tekhn. red. |

[Handbook on founding; shaped steel casting] Spravochnik litel-  
shchika; fasonnoe stal'noe lit'e. [By] P.F.Vasilevskii i dr.  
Pod obshchei red. N.N.Rubtsova. Moskva, Mashgiz, 1962. 611 p.  
(MIRA 15:6)

(Founding--Handbooks, manuals, etc.)

DENIAKOV, G.I., mladshiy nauchnyy rabotnik; KOTIKOVA, B.N., mladshaya nauchnaya rabotnitsa; DAVIDOV, I.S., mladshiy nauchnyy rabotnik; SAPIL'NIKOV, N.G. kandidat ekonomicheskikh nauk, redaktor; BASIN, S.G., izdatel'skiy redaktor.

[Results of work of the Union Scientific Research Institute of Cotton Cultivation] Itogi rabot SoiusNIKhI za 1954 god. Pod red. N.G. Sapil'nikova. Tashkent, Izd-vo SAGU. No.1. [Research on problems of work organization and use of production resources at machine-tractor stations and collective farms engaged in cotton growing] Izuchenie voprosov organizatsii truda i ispol'zovaniia sredstv proizvodstva v khlopkovykh MTS i kolkhosakh 1955. 60 p. (MLRA 10:5)

1. Tashkent, Vsesoyuznyy nauchno-issledovatel'skiy institut khlopkovodstva.
2. Sektor ekonomiki i organizatsii proizvodstva Soyuznogo nauchno-issledovatel'skogo khlopkovogo instituta (for Denakov, Kotikova, Davydov, Sapil'nikov)  
(Cotton growing) (Machine-tractor stations)  
(Collective farms)

DEMAKOVA, A. V.

Demakova, A. V. CONTROL OF THE BURNING OF SILICA  
BRICK. *Ogneupory*, 6, 1294-1302 (1938).

DEMAKOVA, A. V.

Demakova, A. V. SILICA BRICK RESISTANT TO SPALLING FOR HOT REPAIR. *Ognetepy*, 6(11) 1594-1601 (1938). — The introduction of various admixtures (clay) into the mix does not improve the thermal resistance of silica brick. The lowest thermal resistance was found in brick with a tridymite structure (in the presence of cristobalite) and low specific gravity. High thermal resistance was shown by ordinary silica brick with a high specific gravity (2.54 to 2.58) fired at 1280°. Such brick resist sharp temperature fluctuations well. With decreasing specific gravity and increasing tridymite content, the thermal resistance of silica brick decreases.

DEMAKOVA, A. V.

DEMAKOVA, A. V.: "Investigation of the irreversible annealing fragility of alloyed ferrite and structural steels". Sverdlovsk, 1955. Min Higher Education USSR. Ural Polytechnic Inst imeni S. M. Kirov. (Dissertations for the Degree of Candidate of Technical Sciences.)

So: Knizhnaya letopis' No. 49, 3 December 1955. Moscow.





DEMAKOVA A. V.

USSR / Phase Conversions in Solids.

E-5

Abs Jour : Ref Zhur - Fizika, No 4, 1957, No 9306

Author : Shteynberg, M.M., Sadovskiy, V.D., Demakova, A.V.

Inst : Ural Polytechnic Institute USSR

Title : Investigation of the Irreversible Temper Brittleness of Alloyed Ferrite.

Orig Pub : Metallovedeniye i obrabotka metallo, 1956, 1956, No 4, 21-25

Abstract : Alloyed ferrite with a carbon content of 0.010 -- 0.020% is analogous with respect to the amount of alloying elements to structural alloyed steels (1.5% chromium and 3.5% nickel; 1% chromium, 1.5% manganese and 1.5% silicon), being susceptible to irreversible temper brittleness, which manifests itself in the same range of temper temperatures as for structural steels. The susceptibility to irreversible brittleness is observed also in that case, when the carbon in the steel is bound in titanium carbides and the steel loses

Card : 1/2

USSR / Phase Conversions in Solids.

E-5

Abs Jour : Ref Zhur i Fizika, No 4, 1957, No 9308

Abstract : its hardening ability. This indicates that the irreversible temper brittleness can be observed not only in the absence of residual austenite, but also in the absence of the martensitic phase in that sense, which is used with respect to the carbon-containing alloys.

Card : 2/2

DEMAKOVA, A. V.

USSR / Mechanical Properties of Crystals and Polycrystalline Compounds.

E-9

Abs Jour : Ref Zhur - Fizika, No 4, 1957, No 9463

Author : Shteynberg, M.M., Sadovskiy, V.D., Demakova, A.V.

Inst : Ural' Polytechnic Institute USSR

Title : Influence of Cold Plastic Deformation on the Irreversible and Reversible Temper Brittleness.

Orig Pub : Metallovedeniye i obrabotka metallov, 1956, No 6, 26-35

Abstract : The brittleness that develops upon tempering hardened chrome-nickel iron (0.02% C, 1.45% Cr, and 4.06% Ni) in the interval from 300 to 350° (irreversible temper hardness) is annihilated by the action of plastic deformation, which increases considerably the impact viscosity of alloyed ferrite, worked into the state of irreversible temper brittleness. The plastic deformation, carried out by rolling at room temperature, also increases substantially the impact visco-

Card : 1/2

USSR / Mechanical Properties of Crystals and Polycrystalline  
Compounds.

E-9

Abs Jour : Ref Zhur - Fizika, No 4, 1957, No 9463

Abstract : sity of structural alloyed steel (steels of the 30 KhGSA type were studied), worked into a state of reversible temper brittleness. The character and intensity of the influence of cold plastic deformation on the impact viscosity depend on the structural state of the alloy. The deformation increases the impact viscosity of the alloys, worked into a brittle state, and reduces or changes very little the impact viscosity of alloys worked into a viscous state. The similarity between the phenomena of irreversible temper brittleness and the deformation aging is emphasized and arguments are stated in favor of recognizing the generality of the nature of reversible and irreversible temper brittleness as phenomena that are due to the decay of the supersaturated  $\alpha$ -solution.

Card : 2/2

DEMIKRAVA, H. V.

Irreversible temper brittleness of alloyed ferrite. M. M. 3  
 Shtenberg, V. D., Sadovskii, A. V., Lomakova, M. A.,  
 Zhurav, G. A., and Mikhlin, I. S. *Izv. Akad. Nauk SSSR, Metal.*  
 1975, No. 1, p. 11. (Engl. transl.)  
 These authors have shown that the irreversible temper brittleness  
 was more pronounced in steels containing 0.1% C and 0.5% Si  
 and 0.1% Mn as alloying elements. The low temperature  
 achieved by treating specimens in H at 750 to 800°C for 2  
 hrs. and then annealing in a vacuum of 0.1 mm Hg at 1100°C.  
 Impact specimens (10 x 10 x 60 mm) were tempered at 1100°C  
 at 1100 to 750°C and quenched in water. The impact strength  
 about doubled by this treatment. Subsequent tempering  
 for 2 hrs. at 150 to 450°C did not change the transition tem-  
 perature. For an alloy containing 1.4% C and 0.5% Si, the  
 impact strength at -60°C fell from 9 kg-m/cm<sup>2</sup> for  
 tempering at 150°C to 3 for tempering at 350°C. The other  
 alloys showed a smaller effect. An alloy containing C 0.10,  
 Cr 1.3, Ni 3.3, Mn 0.9, Si 0.6, W 0.5, and Ti 0.42% de-  
 veloped severe temper brittleness in the range 300 to 400°C  
 even though the C was presumably tied up by the Ti. The  
 fracture surface of embrittled specimens was crystalline. In spite  
 of the small results, small amounts of C might be the cause of  
 temper brittleness.

16160

S/137/62/000/003/162/191

A160/A101

12300

AUTHORS: Zubarev, V. F.; Pereverzeva, Ye. G., Demakova, A. V.; Tarasova, L. P.

TITLE: The effect of arsenic on the mechanical properties of welded joints of the MSt.3 (MSt.3) steel

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 3, 1962, 6 - 7, abstract 3E39. (Sb. nauchn. tr. Zhdanovsk. metallurg. in-t, 1960, vyp. 6, 213 - 225)

TEXT: Investigations were conducted on the heterogeneity and mechanical properties of a welded joint of the MSt.3 arsenic steel. The investigations were carried out with metal cut out from different ingot parts, such as the upper, middle and lower part at a concentration of 0.14 - 0.26 % As and 0.14 - 0.22 % C. The tests yielded the following results: (1) The built-up metal of the welded joint considerably differs from the base metal as to its chemical composition. The content of Mn and Si in the built-up metal of the St3 killed steel increases in relation to the base metal 1.5 - 2 times, the content of C and As decreases 1.5 - 2 times. (2) The content of Mn and Si in the built-up metal and in the killed

Card 1/3

S/137/62/000/003/162/191  
A160/A101

The effect of arsenic on ....

and rimmed steels corresponds to the equilibrium concentrations between the liquid flux and metal at weld-bath temperatures of 2000 and 1575°C. (3) A liquation of impurities is appearing in the base and built-up Me along the length of the ingot bloom. The upper, and to a lesser degree the middle section of the ingot bloom are enriched with S, P, C and As. (4) An effect of the As on the macrostructure is not detected, and an effect on the macrohardness of the main zones of the welded joint is clearly detected: an increase in the content of As by 0.01 % causes an increase of  $R_B$  by 1.0. An increase of C would similarly affect the hardness. (5) The mechanical properties along the length of the ingot bloom are heterogenous. When passing from the upper to the bottom part of the ingot, the strength properties decrease, the plasticity properties and  $a_k$  increase. (6) An increase of the content C and As improve the strength properties and decrease the plasticity properties. An increase of the C content by 0.01 % increases - in the killed and rimmed steels - the  $\sigma_s$  by 0.7 kg/mm<sup>2</sup> and decreases  $\delta$  by 1.2 %. The effect of As is 2 times weaker. (7) When containing 0.14 - 0.26 % As, the  $a_k$  of a welded joint of the St3 arsenic steel has a high level (9 - 30 kgm/cm<sup>2</sup>), i.e., a higher one than in a St3 non-arsenic steel. (8) The Me of a welded joint

Card 2/3

The effect of arsenic on ....

S/137/62/000/003/162/191  
A160/A101

of the MSt.3 steel with 0.26 % As possesses satisfactory mechanical properties.

V. Tarisova

[Abstracter's note: Complete translation]

Card 3/3



18.1110

88199

S/133/60/000/012/011/015  
A054/A027

AUTHORS: Demakova, A.V., Tarasova, L.P., and Baranova, Z.I.

TITLE: Influence of Arsenic on the Structure and Properties of Rolled Heavy Sections Made of Cr. 3cn (St. 3 sp) Structural Carbon Steel

PERIODICAL: Stal', 1960, No. 12, pp.1127-1130

TEXT: There are no fast rules for the permissible arsenic content of steel and the applicability of arsenic containing steels. As the Kerchensk Metallurgical Plant and "Azovstal'" receive iron ores from the Kerchensk deposit, it was found necessary to extend the investigations into this field, mainly to test the possibilities of using high-arsenic-content metal for rolling heavy sections (No. 30 channel bars). Five test meltings were carried out with St. 3 sp steel in a 350 ton furnace, two of them having the maximum As-content tolerated by the plant (up to 0.15%) and C-contents between 0.15-0.21%, three meltings were given a higher As-content (0.17 and 0.26%) and their C-contents varied from 0.17 to 0.19% (see Table 1). In these three meltings the As-content was increased by introducing into the furnace after charging a box with 33% As-content ferro-arsenicum. The metal was deoxidized in the furnace with ferromanganese; after 40 minutes about 50-60% of the melt with an As-content of 0.17% was poured. 320 kg ferro-arsenicum were then added again  
Card 1/7

88499

S/133/60/000/012/011/015

A054/A027

Influence of Arsenic on the Structure and Properties of Rolled Heavy Sections  
Made of Cr. 3cr (St. 3 sp) Structural Carbon Steel

in the charge and after 5-8 minutes steel with an As-content of 0.26% was poured in another ladle. During pouring the metal was further deoxidized by ferrosilicium and aluminum. Blooms were rolled, then channel bars (No. 30, with a bar thickness of 11.5 mm) in such a way that the bars were made from all parts (top, middle, bottom) of the blooms. The samples were tested for chemical homogeneity, macro and microstructure, mechanical properties and impurities. As regards chemical composition, it was found that along the section in the upper part and, to a lesser extent, in the middle, there was more C and As (0.01-0.03%), Ph and S (0.002-0.006%) as compared with the bottom part. Examination of the macrostructure investigated on templates and mechanical properties showed an As-content as high as 0.26% had no adverse effect on the metal. On the contrary, the strength of high-As-steel was slightly greater than of those with a 0.17% As-content. Tenacity was examined in the temperature range between + 20 and - 60°C and the tests proved that this property had not been changed noticeably by the higher As-content; while higher tenacity could be observed in samples made from the bottom part of the rolled section compared with samples made from the upper portion. The micro-

Card 2/7

88499

S/133/60/000/012/011/015

A054/A027

Influence of Arsenic on the Structure and Properties of Rolled Heavy Sections  
Made of Ст. 3сп (St. 3 sp) Structural Carbon Steel

structure of the channel bar displayed a ferrite-perlite character with more ferrite. On every tested channel bar ferrite streaks could be observed after pickling with a 4% alcohol solution of  $\text{HNO}_3$  (Fig.3). These streaks are caused by the irregular distribution of arsenicum (investigated with the Oberhoffer-reagent). Streak formation was more intense in the head of the channel bar than in the bottom part. The aggregation of arsenicum in some parts of the structure can be clearly indicated by a 10% alcoholic solution of iodine during pickling; the light streaks become darker under the effect of the iodine reagent indicating a higher As-content in these parts. The investigated channel bars from St. 3 sp steel, having an As-content between 0.14 and 0.26% satisfied the requirements of ГОСТ (GOST) 380-57, they display even better qualities than required by this standard. In the tests N.K. Ipatov, S.L. Mil'ner, P.D. Baranets, and L. Agamalova and L. Matveyeva, Undergraduate (Degree) Students took part. There are 5 figures and 2 tables.

ASSOCIATION: Zhdanovskiy metallurgicheskiy institut (Zhdanovsk Metallurgical Institute) Zavod "Azovstal'" (Azovstal' Plant).

Card 3/7

88499

S/133/60/000/012/011/015  
A054/A027

Influence of Arsenic on the Structure and Properties of Rolled Heavy Sections  
Made of CT. 3cn(St. 3 sp) Structural Carbon Steel

Table 1: Composition of melts

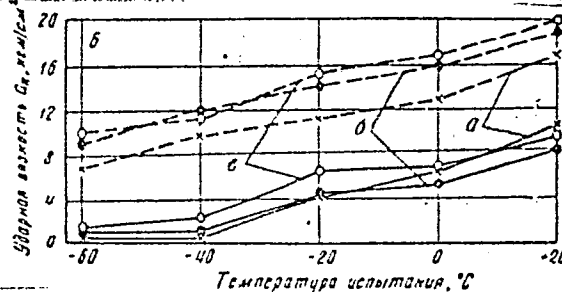
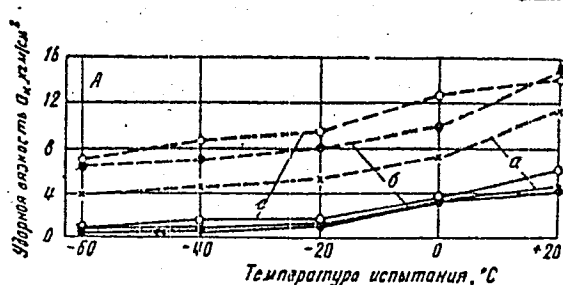
	C+1/4 Mp	C	Mn	Si	S	P	As
5419	0,370	0,21	0,55	0,22	0,045	0,020	0,142
05295	0,250	0,15	0,40	0,16	0,044	0,027	0,142
3447	0,330	0,17	0,63	0,19	0,043	0,022	0,177
9455	0,325	0,19	0,54	0,20	0,043	0,030	0,170
2-9455	0,330	0,19	0,56	0,18	0,045	0,028	0,260

Card 4/7

S/133/60/600/012/011/015  
A054/A027

Influence of Arsenic on the Structure and Properties of Rolled Heavy Sections  
Made of Ст. 3сп (St. 3 sp) Structural Carbon Steel

Fig. 2: Tenacity in function of As-content, before (dotted curves) and after (continuous curves) ageing of St.3sp steel  
A-head of rolled good; B-bottom (a-0.14% As, melt No. 5419; b-0.17% As, melt No. 9455; c-0.26% As, melt No. 2-9455)

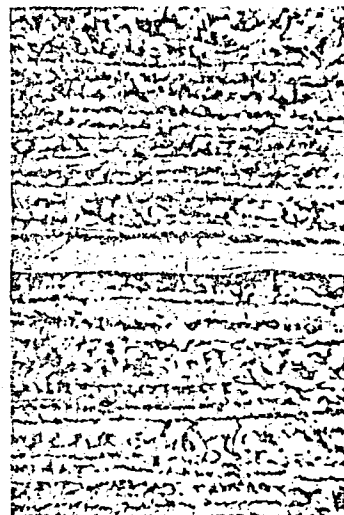


Card 5/7

S/133/60/000/012/011/015  
A054/A027

Influence of Arsenic on the Structure and Properties of Rolled Heavy Sections  
Made of Ct. 3cw (St. 3 sp) Structural Carbon Steel

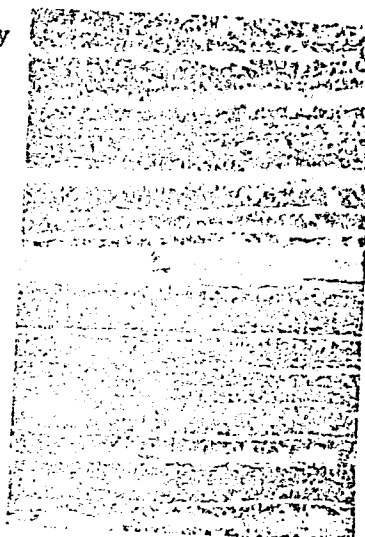
Fig. 3: Wide bright ferrite streak  
in the zone of intensive  
stratification



Card 6/7

08.13  
S/133/60/000/012/011/015  
A054/A027  
Influence of Arsenic on the Structure and Properties of Rolled Heavy Sections  
Made of CT. 3cr (St. 3sp) Structural Carbon Steel

Figure 4: Microstructure of steel after pickling by  
Oberhoffer-reagent.



Card 7/7

DEMAKOVA, A.V.; RYABUSHKIN, Yu.P.; TARASOVA, L.P.; TROFIKOVA, K.G.; PEREVERZEVA, Ye.G.

Structure of the metal in welded joints in MSt.3 arsenical steel.  
Avtom. svar. 14 no.5:11-19 My '61. (MIRA 14:5)

1. Zhdanovskiy metallurgicheskiy institut (for Demakova, Ryabushkin).
2. Zhdanovskiy zavod "Azovstal'" (for Tarasova). 3. Zhdanovskiy zavod tyazhelogo mashinostroyeniya (for Trofimova, Pereverzeva).  
(Steel--Welding) (Welding--Testing)



ZANNES, A.N., inzh.; GORLACH, A.A., inzh.; GLOZMAN, M.I., inzh.;  
DEMAKOVA, A.V., kand.tekhn.nauk, dotsent

Temper brittleness of arsenic and chromium rail steel. Stal'  
23 no.8:740-742 Ag '63. (MIRA 16:9)

1. Metallurgicheskiy zavod "Azovstal'" i Zhdanovskiy  
metallurgicheskiy institut.  
(Steel--Brittleness) (Tempering)

ZANNES, A.N.; SAPELKINA, O.R.; ZUBAREV, V.F.; DEMAKOVA, A.V.;  
PEREVERZEVA, Ye.G.

Effect of conditions of self-tempering and furnace tempering  
on the mechanical properties of rails hardened along their  
entire length by heating with high frequency currents. Izv.  
vys. ucheb. zav.; chern. met. 7 no.2:118-123 '64.

(MIRA 17:3)

1. Zavod "Azovstal'" i Zhdanovskiy metallurgicheskiy institut.

DEMALOVIC, E.

Place and role of the League of Communists of Yugoslavia in enforcement of military combat training. p. 431.

VAZDUHOPLOVNI GLASNIK. (Jugoslovensko ratno vazduhoplovstvo) Zemun, Yugoslavia Vol. 11, no. 4, July/Aug. 1955.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, no. 9, Sept. 1959.

Uncl.

APOR, Peter, dr.; DEMAN, Edit, dr.

On the clinical picture of alkaptonuria-ochronosis based on 2 cases.  
Orv. hetil. 104 no.6:263-265 10 F '63.

1. Salgotarjan, Megyei Korhaz, I. Belosztaly.  
(OCHRONOSIS) (ALKAPTONURIA) (PROTEIN METABOLISM DISORDERS)  
(TYROSINE) (URINARY CALCULI)

DEMANOV, D.A., inzhener (Khabarovsk); MIL'SHTEYN, M.I., inzhener (Khabarovsk)

Skillful maintenance of roadbeds in winter. Put' 1 put. khos. no.1:  
13 Ja '57. (MLRA 10:4)  
(Railroads--Maintenance and repair)

DEMANT, F.; BARDOSOVA, G.

Fever therapy in combination with coli vaccine in pol-  
iomyelitis. *Pediat. listy* 5 no.4:193-196 July-Aug. 1950.  
(CML 20:1)

1. Of the Children Clinic of the Medical Faculty of Slovak  
University in Kosice.

DEMANT, F.

Role of pediatricians in the progress of socialism. *Pediat.listy*  
5 no.6:313-318 Nov-Dec 50. (CLML 20:5)

1. Of the Children's Clinic (Head--Ferdinand Demant, M.D.), of the  
Medical Faculty of Slovak University Branch in Kosice.

DEMANT, F.

Problem of child mortality in Slovakia. Zdravot. rev. 25 no.5:  
108-109 20 May 50. (CMLL 19:4)

i. Author is the Head of the Children's Clinic in Kosice.



DEMANT, F.; KUBAT, K.; LUKAS, J.; VOJTA, M.

~~Maternal and child welfare.~~ Maternal and child welfare. Pediat.listy 6 no.2:77-88 Mar-Apr 1951.  
(CIML 20:9)

DEMANT, F.; GREGOR, O.

Scheme of Maslov's filters in pediatric ambulatoria. *Pediat. listy*,  
Praha 6 no.6:362-363 Nov-Dec 51. (CJML 21:5)

DEMANT, Ferdinand, Doc. MUDr

Problems of cooperation of obstetrician and pediatrician. Cesk. gyn.  
19 no.4:286-288 July 54.

1. Predn. det. klin., Kosice

(PEDIATRICS

pediatrician, cooperation with obstetrician)

(OBSTETRICS

obstetrician, cooperation with pediatrician)

DEMANT, Ferdinand, Doc., MUDr.; PREKOP, Rudolf, MUDr.

Acute infectious hepatitis in infants. Cesk. gastroenter. 9 no.2:  
106-109 June 55.

1. Detska klinika Kosiciach.  
(HEPATITIS, INFECTIOUS, in infant and child)

*DÉMANT F.*

EXCERPTA MEDICA Sec.7 Vol10/6 Pediatrics June 56

1202. DÉMANT F. and PREKOP R. Child. Hosp., Košice. \*Acute infectious hepatitis in infancy REV.CZECH.MED. 1955, 1/1 (55-57)

This is a brief analysis of 15 infants among whom one death occurred. The remainder progressed satisfactorily, with the exception of one infant who had prolonged anorexia and vomiting. An unusually high incidence of upper respiratory tract infection persisted in about half of the patients as did an enlarged, slightly hard, but normally functioning liver.

Cathie - London (XX, 7)

DEMANT, F., Doc., Dr.; NEUBAUER, Ed., doc., Dr.; SRSEN, St., as., Dr.;  
TISCHLER, V., as., Dr.;

Question of the internal environment of healthy newborns..  
Cesk. pediat. 12 no.5-6:430-435 May-June 57.

1. Detska klinika lekarskej fakulty KU v Kosiciach (prednosta  
doc. Dr. F. Demant) a nefrologicke laboratorium internej kliniky  
(prednosta doc., Dr. F. Por).  
(INFANT, NEWBORN, physiol.  
internal environment (Cz))

DEMANT, P.; NEUBAUER, E.; SRSEN, S.; TISCHLER, V.

Studies on formation of antidiuretic hormone in a normal newborn. Cech.  
fysiol. 7 no.3:286-287 May 58.

1. Detska klinika LFUK, interna klinika LFUK : Kosiciach.  
(VASOPRESSIN, in blood,  
in newborn (Cz))  
(INFANT, NEWBORN,  
blood vasopressin content (Cz))

DEMANT, F.; VIRGAIA, J. BUCOVA, E.; TARABCIK, M.

Role of Salmonella infections in diarrhea in infants. Cesk. pediat.  
14 no.7:607-611 July 59

1. Z Detskej kliniky LFUK v Kosiciach, prednosta doc. MUDr. F. Demant  
a z KHES-u v Kosiciach, riaditel I. Kratochvil.  
(SALMONELLA INFECTIONS, in infancy & Childhood)  
(DIARRHEA, in infancy & childhood)



DEMANT, F.; BUGOVA, E.; VIRGALA, J.

Less frequent complications of Salmonella infections with special reference to their course in childhood. Cesk.pediat. 14 no.12:1070-1074 D '59.

1. Detska klinika LFUK v Kosiciach, prednosta doc. MUDr. F. Demant.  
(SALMONELLA INFECTIONS in inf.& child.)

BARDOSOVA, G.; DEMANT, F.; GASPAROVA, K.; VIRGALA, J.

Neurological complications of morbilli. Cesk.pediat. 15 no.9:  
812-817 S '60.

1. Katedra starostlivosti o dieta LFUK v Kosiciach, veduci prof.  
MUDr. F.Demant  
(MEASLES compl.)  
(NEUROLOGIC MANIFESTATIONS in infancy & childhood)

DEMANT, F.; PAVKOVCEKOVA, O.

Thrombocytopenic purpura in newborn infants. Cesk. pediat. 16 no.7/8:  
687-691 J1-Ag '61.

1. Detska klinika Lekarskej fakulty Univerzity P. J. Safarika v Kosiciach;  
prednosta prof. MUDr. F. Demant.

(PURPURA THROMBOPENIC in inf & child)  
(INFANT NEWBORN diseases)

DEMANT, F.; DRAHOVSKY, Vl.

Pylonephritis with children with anomalies or calculi of the urinary tract. Cesk. pediat. 17 no.7/8:698-702 Ag '62.

1.Detska klinika Fakultnej nemocnice v Kosiciach, prednosta prof. dr.  
F. Demant Urologicka klinika Fakultnej nemocnice v Kosiciach, prednosta  
doc. dr. V. Drahovsky.

(PYELONEPHRITIS)	(URINARY CALCULI)
(UROLOGY)	(ABNORMALITIES)

KLIMES, M.; DEMANT, F.; DRAHOVSKY, V.; TISCHLER, V.; PROKOP, R.

Surgical treatment of urolithiasis and its effect on the course of pyelonephritis in childhood. Rozhl. chir. 43 no.3:142-147  
Mr'64.

1. Urologicka klinika Lekarskiej fakulty UPJS v Kosiciach  
(prednosta zast.: doc.dr. V.Drahovsky) a Detska klinika Lekarskiej fakulty UPJS v Kosiciach (prednosta: prof.dr. F.Demant).

\*

PROCHAZKA, J.; DEMANT, F.; MITTERMAYER, T.; KRATOCHVIL, I.; TARABCAK, M.  
STROZOVA, A.

Erythema nodosum in an epidemic of gastroenteritis. Cesk. ped.  
20 no.12:1076-1079 D ' 65.

1. Klinika infekcnich nemoci fakulty detskeho lekarstvi Karlovy  
University v Praze (prednosta - prof. dr. J. Prochazka); Detska  
klinika lekarske fakulty University F.J. Safarika v Kosicich  
(prednosta - prof. dr. F. Demant); Infekcni oddeleni fakultni  
nemocnice v Kosicich (vedouci - MUDr. T. Mittermayer); Krajska  
hygienicko-epidemiologicka stanica v Kosicich (reditel - MUDr.  
I. Kratochvil).

DEMANT, LADISLAV

KOS, Miroslav, MUDr; ADAMOVA, Vlasta, MUDr; ADAM, Ervin, MUDr; DEMANT, Ladislav, MUDr

Cesarean section in acute poliomyelitis with respiratory disturbances.  
Cesk. gyn. 19 no.4:261-265 July 54.

1. OUNZ Praha 8-Bulovka; inf. odd. predn.prof.MUDr. J.Prochaska;  
odd. por. gyn.prodn.doc Dr.J.Moudry; odd. chir., predn. prof. MUDr  
J.Knobloch.

(PREGNANCY, complications  
polyomyelitis with resp. disord., cesarean section in)  
(POLIOMYELITIS, in pregnancy  
cesarean section, indic.)  
(RESPIRATION  
disord. with polio. in pregn., indic. for cesarean  
section)

DEMANT, LADISLAV

BERNARD, Adolf, MUDr; DEMANT, Ladislav, MUDr

Combined local and narcogenic anesthesia in cesarean section. Cesk.  
gyn. 19 no.4:266-269 July 54.

1. Gyn. por. odd.; predn. doc. MUDr. J.Moudry; a chir. odd. v Praze  
8, na Bulovce; predn. prof. MUDr. J.Knobloch.

(ANESTHESIA, INHALATION

trichlorethylene in cesarean section, combined with  
local anesth.)

(ANESTHESIA, LOCAL

in cesarean section, combined with trichlorethylene  
inhalation anesth.)

(CESAREAN SECTION, anesthesia & analgesia

local anesth. combined with trichlorethylene inhalation  
anesth.)

(TRICHLORETHYLENE, anesthesia and analgesia

inhalation anesth. in cesarean section, combined with  
local anesth.)



DEMANT, Ladislav MUDr

The new anesthetic apparatus D6. Roshl.chir. 34 no.3:162-168 Mar 55

1. Z chir. odd. - luskova cast - OUNZv Praha 8, prednosta prof.  
MUDr Kneblech

(ANESTHESIA, INHALATION, apparatus and instruments  
new anesth. appar. D6)

DEPART, Ladislav, MUDr.; KOS, Miroslav, MUDr.

Anesthesia in minor gynecological and obstetrical surgery. Czech.  
gyn. 22[36] no.5:406-407 June 57.

(GENITALIA, FEMALE, surg.

anesth. for minor surg. (Cz))

(OBSTETRICS, surg.

anesth. for minor surg. (Cz))

DEMANT, Ladislav, MUDr.; KURAT, Bartolomej, MUDr.

Anesthesia in acute intestinal obstruction. Rozhl. chir. 36 no.2:  
85-88 Feb 57.

1. Chirurgická klinická základna Ústavu pro doskolování lékařů při  
obvodní nemocnici v Praze 8. Bulovka. Prednosta prof. MUDr Jan  
Knobloch.

(INTESTINAL OBSTRUCTION, surg.

anesth., comparison of two techniques (Cz))

(ANESTHESIA,

combined anesth. in surg. for acute intestinal obstruct.

(Cz))

DEMANT, L.

KUBAT, B., MUDr.; DEMANT, L., MUDr.; MACH, F., MUDr.

Anesthesia in traumatology. Acta chir. orthop. traum. 25 no.3:  
219-222 May 58.

1. Chirurgická klinika základna Ústavu pro doskolování lékařů v Praze  
při nemocnici v Praze 8-Bulovka, přednosta prof. MUDr. Jan Knobloch.  
(WOUNDS AND INJURIES, surg.  
anesth. (Cz))  
(ANESTHESIA  
in traumatol. (Cz))

1. DEMARIN, D. I.
  2. USSR (600)
  4. Tuberculosis - Prevention
  7. Experiment in the organization of tuberculosis, control in the village. Probl.  
tub. no. 5, 1952.
9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

DEMARINA, M. I.

DEMARINA, M. I.- "Characteristic of the Changes in the Vibrational Sensitivity in Clinical Treatment of Diseases of the Central and Peripheral Nervous Systems." Khar'kov Med Inst, Khar'kov, 1955 (Dissertations for Degree of Candidate of Medical Sciences)

SO: Knizhnaya Letopis' No. 26, June 1955, Moscow

DEMARINA, M.I.

Characteristics of vibration sensitivity and its variability in  
spinal cord diseases. Zhur.nerv.i psikh. 62 no.6:840-845 '62.  
(MIRA 15:11)

1. Otdel nevrologii (zav. - prof. L.B.Litvak) Ukrainского nauchno-  
issledovatel'skogo psikhonevrologicheskogo instituta, Khar'kov.  
(SPINAL CORD—DISEASES) (VIBRATION)

DEMARR, R.A.

Transformations in semigroups and many-valued mappings. Dokl.  
AN SSSR 144 no.5:968-970 Je '62. (MIRA 15:6)

1. Predstavleno akademikom P.S.Aleksandrovym.  
(Transformations (Mathematics)) (Topology)



DEMARSKIY L. U.

EXCERPTA MEDICA Sec 9 Vol 13/1 Surgery Jan 59

332. LATE METASTASES OF BREAST CANCER (Russian text) - Demarskiy  
L. U. Inst. of Oncol. AMS, Leningrad - VOPR.ONKOL. 1958, 4/2 (175-182)  
Tables 2

Twelve cases of metastases developing 11-21 yr. after radical mastectomy are described. Metastases were found in the supraclavicular lymph nodes in 4 cases, in the parasternal nodes in 3 cases, in the lungs in 3 cases, in the peritoneum in 1 case and in the bones in 1 case. The cause of the late appearance of metastases is not clear. Disturbances of the hormonal balance are thought to play an important role. The anatomical peculiarities of the lymphatic system and the predominant lymphogenous metastasization in breast cancer are also thought to be responsible for the appearance of late metastases.

(V. 9, 16)

DEMARTINI, L.

Discussion meeting on the prefabrication of sanitary and central heating systems. p.33. POZEMNI STAVBY. (Ministerstvo stavebnictvi) Praha. Vol. 3, no. 1, Jan. 1955.

SOURCE: East European Accessions List (EEAL), Library of Congress, Vol. 4, No. 12, December 1955.

DEMARTINI, L.

Mechanization of finishing and fitting work. p. 125.  
POZEMNI STAVBY. (Ministerstvo stavebnictvi) Praha.  
Vol. 3, no. 3, Mar. 1955.

SOURCE: East European Accessions List (EEAL), Library of  
Congress, Vol. 4, No. 12, December 1955.

DEMARTINI, LADISLAV

TECHNOLOGY

DEMARTINI, LADISLAV \* Zprumyslneeni instalacnich praci v bytove vystavbe.

Praha, Statni nakl. technicke literatury, 1959. 263 p.

Monthly List of East European Accessions (MEMA) LC VOL. 8, No. 2  
May 1959, Unclass

DEMASH, A.V.

New upsurge in the agriculture of Sal Steppes. Zemledelie 7 no.3:  
14-19 Mr '59. (MIRA 12:4)

1. Glavnyy agronom Inspektzii po sel'skomu khozyaystvu Sal'skogo  
rayona, Rostovskoy oblasti.  
(Sal Steppe—Agriculture)

DEMASH, A.V., glavnyy agronom

Work of agronomists in Sal'sk District. Zemledelie 7 no.10:  
82-84 0 '59. (MIRA 13:1)

1. Inspektsiya po sel'skomu khozyaystvu Sal'skogo rayona,  
Rostovskoy oblasti.  
(Sal'sk District--Agriculture)

GEL'CHINSKIY, M.L., inzhener; DEMAT, M.P., inzhener; RYAPOLOV, A.F., inzhener;  
TOKAREV, K.K., inzhener.

Producing and installing thin-walled steel towers. Sbor.mat. o nov. tekhn.  
v stroi. 15 no.6:11-16 '53. (MLRA 6:5)

(Building, Iron and steel)

DEMAT, MIKHAIL PLATONOVICH

TOKAREV, Konstantin Konstantinovich, inzhener; DEMAT, Mikhail Platonovich, inzhener; SOKOLOVA, A.D. kandidat tekhnicheskikh nauk, laureat Stalinskoy premii, redaktor; MEDVEDEV, L.Ya, tekhnicheskii redaktor.

[Rigging in equipment installation work at industrial enterprises; a reference manual] Takelashnye raboty pri montazhe oborudovaniia promyshlennykh predpriatii; spravochnik posevie. Moskva, Gos. izd-vo lit-ry po stroit. i arkhitekt., 1955. 137 p. (MLRA 8:7)

(Hoisting machinery)



GEL'CHINSKIY, M.L.; DEMAT, M.P.; RIYAPOLOV, A.F.; TOKAREV, K.K.; CHIZHOVA, A.N.;  
MEDRIGAYLOV, V.G.; VITENBERG, V.I.; KELLER, Ya.K.; KOLOSOV, S.N.;  
MAKOVITSKIY, B.K.

Drum-pattern for erecting metal towers made of enlarged blocks. Rats. 1  
izobr. predl. v strei. no.119:27-29 '55. (MIRA 9:7)  
(Towers)

AUTHORS: Demat, M.P. and Nedrigaylov, V.G. (Engineers) 100-5-3/10  
TITLE: Machine for manufacturing welded cylindrical vessels from thin steel plate. (Ustanovka dlya izgotovleniya tsilindricheskikh svarnykh konstruktsey iz tonkolistovoy stali).  
PERIODICAL: "Mekhanizatsiya Stroitel'stva" (Mechanisation of Construction), 1957, Vol.14, No.5, pp.9 - 12 (USSR).

ABSTRACT: This machine manufactures cylindrical measuring vessels of 2 - 5 m diameter and 2 - 4.5 m height, mainly for the requirements of the chemical industry. The sheet is made of stainless steel, approx.3 mm thick. The machine is fully automatic. The authors of this article designed the machine and supervised the construction of the same which was carried out by the Planning and Constructional Section of the Souzprommontazh (Proyektno-Konstruktorskoy Kontor Trest Soyuzprommontazh), authors' certificate No.102747 dated 14th March, 1956. The machine comprises a working platform, an auxiliary drum, a forming drum, a lifting tower and an electric telfer which is placed along the working platform and serves the whole length of the machine. Some parts of the machine were designed in the Glavstal'konstruktsiya of the Minmetallurgkhimstroy. Characteristic parts of the lower gallery are 1 fixed and 6 removable

Card 1/2

TOKAREV, Kal'man Kal'manovich, inzh.; DEMAT, Mikhail Platonovich, inzh.;  
SOKOLOVA, A.D., kand.tekhn.nauk, nauchnyy red.; PAKHOMOVA, M.A.,  
red. izd-va; MEDVEDEV, L.Ya., tekhn.red.; SOLNTSEVA, L.M., tekhn.red.

[Crane and hoisting operations in installing equipment of industrial enterprises] Takelazhnye raboty pri montazhe oborudovaniia promyshlennykh predpriatii. Izd. 2., dop. i perer. Moskva, Gos. izd-vo lit-ry po stroit., arkhitekt. i stroit. materialam, 1958. 197 p.  
(Hoisting machinery) (MIRA 12:2)

DEMAT, M.P.; IOSELOVSKIY, I.V.; KOPERIN, V.V.; NIKUL'SHIN, Yu.D.;  
TSUKERMAN, D.P.; KORELIN, D.S., nauchnyy red.; LYUBINA, L.S.,  
red. izd-va; MOCHALINA, Z.S., tekhn. red.

[Planning the organization and execution of erecting work;  
principal designs of the rigging of equipment]Proektirovanie  
organizatsii i proizvodstva montazhnykh rabot; osnovnye re-  
sheniia takelazha oborudovaniia. Moskva, Gosstroizdat, 1962.  
182 p. (MIRA 15:12)

(Machinery--Erecting work)

TOKAREV, Kal'man Kal'manovich; DEMAT, Mikhail Platonovich;  
SOKOLOVA, A.D., kand. tekhn. nauk, nauchn. red.;  
TABUNINA, M.A., red.izd-va; TANKHOVA, K.Ye., tekhn.red.

[Tackling operations for the installation of equipment in  
industrial enterprises] Takelazhnye raboty pri montazhe  
oborudovaniia promyshlennykh predpriatii. Izd.3., perer.  
i dop. Moskva, Gosstroizdat, 1963. 198 p.

(MIRA 16:12)

(Cranes, derricks, etc.)

VOL'BERG, N.Ye.; GAYDAMAK, K.M.; DLMAT, M.P.; KOPERIN, V.V.;  
MOLOKANOV, A.V.; NAUMOV, V.G.; PATAGIN, A.V.; TIMOFEYEV,  
A.I.; FRANTSUZOV, Ya.L.; VOLNYANSKIY, A.K., glav. red.;  
SUDAKOV, G.G., zam. glav. red.; IOSELOVSKIY, I.V., red.;  
ORLOV, V.M., red.; ONKIN, A.K., red.; NIKOLAYEVSKIY,  
Ye.Ya., red.; MARKOV, I.I., red.; MEL'NIK, V.I., red.;  
STAROVEROV, I.G., red.; TUSHNYAKOV, M.D., red.; CHERNOV,  
A.V., red.; KRYLOV, V.A., nauchn. red.

[Assembly of technological equipment of chemical plants]  
Montazh tekhnologicheskogo oborudovaniia khimicheskikh  
zavodov. Moskva, Stroiizdat, 1964. 619 p.

(MIRA 17:11)

DEMAT, M.P., inzh.; TSUKERMAN, D.P., inzh.; NIKUL'SHIN, Yu.D., inzh.

Standard land anchors. Mont. i spets. rab. v stroi. 26 no.8:  
18-20 Ag '64. (MIRA 17:11)

1. TSentral'noye proyektno-konstruktorskoye otdeleniye Glavkhim-  
montazha.

POPOVICI. A.; DEMAYO, A.(Bucuresti)

Curvature tensors of the 6th order in Vn. Pt.1. Bull  
math Rum 4 no.1/2:91-105 '61.

1. Submitted November 1, 1962.



BRAUNER, R.; SORU, E.; VAINER, H.; DEMAYO, A.

The effect of a hyaluronidase-active testicular extract in  
rheumatism. Probl. reumat., Bucur. Vol. II.:167-199 1954,

(RHEUMATISM, ther.

testicular extract, hyaluronidase-active)

(RHEUMATIC HEART DISEASE, ther.

testicular extract, hyaluronidase-active)

(TESTES

extract, hyaluronidase-active, in ther. of rheum. dis.)

(TISSUE EXTRACTS, ther. use

testicular hyaluronidase-active extract, in rheum.  
dis.)

DEMAYO, A., dr.

BRAUNER, R., Prof.; SORU, E., conf.; DEMAYO, A., dr.

Role of the hyaluronic acid-hyaluronidase system in collagen diseases. Med. int., Bucur. 9 no.3:323-337 Mar 57.

1. Clinica medicala a Spitalului "Brincovenesc" si Catedra de biochimie I.M.F.

(COLLAGEN DISEASES, metabolism

hyaluronic acid-hyaluronidase system, pathol. & ther. aspects)

(HYALURONIDASE

hyaluronic acid-hyaluronidase system in connective tissue in collagen dis.)

(CONNECTIVE TISSUE, pathol.

hyaluronic acid-hyaluronidase system, in collagen dis.)

DEMAYO, A.

Rumania/Pharmacology. Toxicology. Hormones.

V-8

Abs Jour : Ref Zhur-Biol., No 6, 1958, 28182.

Author : Brauner R., Galea G., Schonfeld L., Demayo A.,  
Radulescu M.

Inst : Not given.

Title : Hemorrhagic Form of Nodular Periarthrititis Treated  
with Cortisone.

Orig Pub : Med. interna, 1957, 9, No 6, 938-946.

Abstract : No abstract.

Card 1/1

BRAUNER, R.; SORIN, E.; DEMAYO, A.; BUCUR, N.; BASARAB, A.

Studies of heparin intradermoreaction. Med. int., Bucur. 10 no.4:  
547-554 Apr 58.

1. Clinica medicala a Spitalului "Brincovenesc"

(HEPARIN

sensitivity & intolerance of histamine type, intradermoreactions  
during & after heparin ther.)

(SKIN

reaction to heparin, alone & with histamine, intradermoreactions  
during & after heparin ther.)

BRAUNER, R., prof.; DEMAYO, A., dr.; DANILA, I., dr.; ZAHARIA, M., dr.

Considerations on a case of auricular intra-septal hematoma.  
Med. int., Bucur. 11 no. 11: 1739-1744 N '59.

1. Incrare efectuata in Clinica medicala, Spitalul "Brincovenesc",  
Bucuresti.

(HEART SEPTUM, diseases)

(HEMATOMA, case reports)

(AORTA, diseases)

(ARTERIOSCLEROSIS, complications)

BRAUNER, R., Prof.; DEMAYO, A., dr.; MIINMA, I., dr.; MINCU, I., dr.; BUCUR, N., dr.

Considerations on the post-myocardial-infarct syndrome.  
Med. intern., Bucur. 11 no. 5: 757-762 '60.

1. Lucrare efectuata in Clinica medicala, Spitalul "Brincovenesc",  
director, prof. R. Brauner.  
(MYOCARDIAL INFARCT, complications)

GALEA, Gh., conf.; HOANCA, O., dr.; LAZAR, L., dr.; DEMAYO, A., dr.

Osler-Rendu disease and hepatic cirrhosis. Med. intern. 15  
no.8:1009-1016 Ag '63.

1. Lucrare efectuata in Clinica medicala a Spitalului  
"Brincovenesc", I.M.F., Bucuresti (director: prof. R. Brauner).  
(ANGIOMATOSIS) (LIVER CIRRHOSIS)

BRAUNER, R., prof.; DEMAYO, A., dr.; ROSCA, Lucia, dr.

Considerations on cryoglobulinemias. (Apropos of a case). Med.  
intern. 15 no.9:1075-1080 S '63.

1. Lucrare efectuata in Clinica medicala a Spitalului "Brinco-  
venesc" din Bucuresti.

(CRYOGLOBULINS) (PRURITUS) (EDEMA)  
(RAYNAUD'S DISEASE)



PRODESCU, V., conf.; BOGDAN, I. ~~dr.~~; DEMAYO, A., dr.; CRISTESCU, C., int.

Hemophilia A-stimulating acute abdomen. Med. intern. (Bucur.)  
10 no.5:617-620 My'64

1. Lucrare efectuata in Clinica de chirurgie a Spitalului  
"Brincovenesc", I.M.F. [Institutul medico-farmaceutic],  
Bucuresti.

DEMAYO, A., dr.; IAMANDI, I. dr.; BUCUR, Gh.dr.

Research on the diagnostic value of the urethane-gel test.  
Med. intern. (Bucur.) 16 no.7:859-862 JI'64.

1. Lucrare efectuata in clinica medicala a Spitalului  
"Brincovenes" (director: prof. R.Braunner).

PETROSYAN, R.A., kand. tekhn. nauk; SHVARTS, A.L., kand. tekhn. nauk;  
BULGAKOVA, N.V., inzh.; SHMUKLER, B.I., inzh.; DEMB, E.P., inzh.

Study of the sliding start conditions of a cold PK-33 once-through  
type boiler unit with nondraining shield-type superheater.  
Teploenergetika 10 no.9:19-25 S '63. (MIRA 16:10)

1. Vsesoyuznyy nauchno-issledovatel'skiy teplotekhnicheskiy  
institut im. Dzerzhinskogo i zavod imeni Ordzhonikidze.  
(Boilers)

DEMB, S.F.; POTEKHIN, R.P.

Efficiency of using sloped boreholes in Perm Province  
limestone quarries. Nauch.trudy Perm NIUI no. 4:130-132 '62.  
(MIRA 17:6)